

IN THE U.S. PATENT AND TRADEMARK OFFICE  
Pat nt Applicati n Transmittal L tter

COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is a(n): ☒ Utility ( ) Design  
☒ original patent application,  
( ) continuation-in-part application

17497 U.S. PTO  
10/666770  
09/17/03

INVENTOR(S): Charles E. Moore, et al.

TITLE: PROGRAMMABLE HYSTERESIS FOR BOUNDARY-SCAN TESTING

Enclosed are:

☒ The Declaration and Power of Attorney. ☒ signed ( ) unsigned or partially signed  
☒ 9 sheets of drawings (one set) ( ) Associate Power of Attorney  
( ) Form PTO-1449 ☒ Information Disclosure Statement and Form PTO-1449  
( ) Priority document(s) ( ) (Other) \_\_\_\_\_ (fee \$ \_\_\_\_\_)

CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTALS
TOTAL CLAIMS	19 — 20	0	X \$18	\$ 0
INDEPENDENT CLAIMS	3 — 3	0	X \$84	\$ 0
ANY MULTIPLE DEPENDENT CLAIMS	0		\$280	\$ 0
BASIC FEE: Design ( \$330.00 ); Utility ( \$750.00 )				\$ 750
TOTAL FILING FEE				\$ 750
OTHER FEES				\$
TOTAL CHARGES TO DEPOSIT ACCOUNT				\$ 750

Charge \$ 750 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

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Date of Deposit 09/17/2003

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, D.C. 20231.

By [Signature]  
Typed Name: Gregory W. Osterloth

Respectfully submitted,

Charles E. Moore, et al.

By [Signature]

Greg ry W. Osterloth

Attorney/Agent for Applicant(s)  
Reg. No. 36,232

Date: 09/16/2003

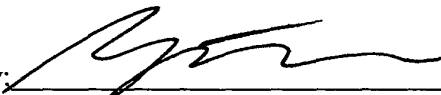
Telephone No.: (303) 291-3200

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re Application of:	)	
Charles E. Moore, et al.	)	
Serial No.: Not yet assigned	)	Confirmation No.: Not yet assigned
Filing Date: 09/17/2003	)	Examiner: Not yet assigned
For: PROGRAMMABLE HYSTERESIS FOR BOUNDARY-SCAN TESTING	)	Group Art Unit: Not yet assigned
Docket No.: 10030322-1	)	

**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that the attached **Patent Application Transmittal Letter (in duplicate); New Patent Application (24 pages including 18 pages of specification, 5 pages of claims and 1 page abstract); Nine (9) sheets of Formal Drawings (Figs. 1-10); Signed copy of Declaration and Power of Attorney (2 pages); Information Disclosure Statement/Form PTO-1449 with 1 reference document; and Post cards for return by the United States Patent and Trademark Office**, are all being deposited with the United States Postal Service addressed to the Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450, via Express Mail No. EV 175420962 US, on this 17th day of September 2003.

By:   
Gregory W. Osterloth, Reg. No. 36,232